



PTO/SB/08B (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

1

Complete if Known	
Application Number	10/002838
Filing Date	November 14, 2001
First Named Inventor	Kauffman, Marc W., et. al.
Art Unit	2615
Examiner Name	Unassigned
Attorney Docket Number	019396-002000US

U.S. PATENT DOCUMENTS					
Examiner	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
KB	AA	US-5,771,435	08-23-1998	Brown	
KB	AB	US-5,802,448	09-01-1998	Brown, et al.	
KB	AC	US-5,822,530	10-13-1998	Brown	
	AD	US-			
	AE	US-			
	AF	US-			
	AG	US-			
	AH	US-			
	AI	US-			
	AJ	US-			

RECEIVED

FEB 24 2003

Technology Center 2600

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup>	Number <sup>4</sup> Kind Code <sup>5</sup> (if known)		
AK					<input type="checkbox"/>
AL					<input type="checkbox"/>
AM					<input type="checkbox"/>
AN					<input type="checkbox"/>
AO					<input type="checkbox"/>

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	AP		
	AQ		
	AR		

Examiner Signature		Date Considered	03/08/06
--------------------	--	-----------------	----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

DE 7095136 v1

Please type a plus sign (+) inside this box



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1 of 2

Complete if Known

Application Number	10/002,838
Filing Date	November 14, 2001
First Named Inventor	Kauffman, Marc W.
Group Art Unit	2615
Examiner Name	

Attorney Docket Number

019396-002000US

RECEIVED

APR 09 2002

Technology Center 2600

### U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
KB	AA	5,563,648		Menand, et al.	10-08-1996	
	AB	5,819,249		Billock, et al.	04-08-1997	
	AC	5,956,716		Kenner, et al.	09-21-1999	
	AD	6,003,030		Kenner, et al.	12-14-1999	
	AE	6,101,180		Donahue, et al.	08-08-2000	
	AF	6,108,703		Leighton, et al.	08-22-2000	
	AG	6,112,239		Kenner, et al.	08-29-2000	
	AH	6,185,598	B1	Farber, et al.	02-06-2001	
	AI	6,229,895	B1	Son, et al.	05-08-2001	
	AJ	6,233,389	B1	Barton, et al.	05-15-2001	
	AK	6,240,553	B1	Son, et al.	05-29-2001	
	AL	6,288,738	B1	Dureau, et al.	09-11-2001	
	AM	6,310,886	B1	Barton	10-30-2001	
KB	AN	6,314,575	B1	Billock, et al.	11-06-2001	
	AO					
	AP					
	AQ					
	AR					
	AS					
	AT					

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
KB	AU	PCT	WO 88/40831	A1	Inter Vu, Inc.	09-17-1998		
	AV	PCT	WO 88/53411	A1	Inter Vu, Inc.	11-26-1998		
	AW	PCT	WO 00/77683	A2	Enter, Inc.	12-21-2000		
	AX	PCT	WO 00/77985	A1	Enter, Inc.	12-21-2000		
	AY	PCT	WO 00/77999	A2	Enter, Inc.	12-21-2000		
	AZ	PCT	WO 00/78000	A2	Enter, Inc.	12-21-2000		
KB	BA	PCT	WO 00/79730	A2	Digital Island, Inc.	12-28-2000		

Examiner Signature

Date Considered

03/08/06

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

DE 7066952 v1

Please type a plus sign (+) inside this box → +



PTO/SB/08B (08-00)

Approved for use through 10/31/2002, OMB 0651-0031

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

2

of

2

Complete if Known

Application Number	10/002,838
Filing Date	November 14, 2001
First Named Inventor	Kauffman, Marc W.
Group Art Unit	2615
Examiner Name	

RECEIVED

APR 09 2002

Technology Center 2600

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
KB	BB	<i>TeraCast Server Administrator Guide v1.0</i> , Entera, Inc., 88 pages.		
	BC	<i>TeraCast Server, Shaping the Future of Content Delivery</i> , Entera, Inc., (April 2000), 2 pages.		
	BD	<i>Detail-Rich, Multimedia Streaming Solution</i> , Mirror Image Internet, Inc., www.mirror-image.com, (2000) 2 pages.		
	BE	Geoff Huston, Telstra, <i>Web Caching</i> , Cisco Systems, Inc., downloaded on 10/05/00 from website: <a href="http://www.cisco.com/warp/public/759/ipj_2-3/ipj_2-3_webcaching.html">http://www.cisco.com/warp/public/759/ipj_2-3/ipj_2-3_webcaching.html</a> , pgs. 1-24.		
	BF	John Dilley et al., <i>Improving Proxy Cache Performance: Analysis of Three Replacement Policies</i> , IEEE Internet Computing, (1999) Vol. 3, N. 6, pgs. 44-50.		
	BG	Geoff Huston, <i>Internet Performance Survival Guide QoS Strategies for Multiservice Networks</i> , Wiley Computer Publishing, John Wiley & Sons, Inc., New York, NY, (2000) pgs. 258-259, 276-277, 449-452.		
	BH	J. Postel, et al., <i>File Transfer Protocol (FTP)</i> , Network Working Group, Request for Comments: 959, (October 1985), pp. 1-69.		
KB	BI	H. Schulzrinne, et al., <i>Real Time Streaming Protocol (RTSP)</i> , Network Working Group, Request for Comments: 2326, (April 1998), pp. 1-92.		
	BJ			
	BK			
	BL			

Examiner Signature		Date Considered	03/08/06
--------------------	--	-----------------	----------

<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>2</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

DE 7066952 v1